

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L1	1	"6042708".pn. and chromatograph\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 04:33			
2	BRS	L2	0	"6042708".pn. and hplc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 04:33			
3	BRS	L3	8	"5099129".pn. or "4704531".pn. or "5283036".pn. or "5591644".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 04:33			

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
4	BRS	L4	16	("3010800" "4158545" "4253846" "4257862" "4349510" "4552723" "4649124" "4689202" "4740298" "4781891" "4855601" "4980130") .PN. OR ("5591644") .URPN.	US- PGPUB; USPAT; USOCR	2006/03/19 04:44			
5	BRS	L5	1663	(stop\$4 near3 flow\$3) same (valv\$3 with (waste or drain))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 04:54			
6	IS&R	L6	10012	((422/70,82.05-82.09,101) or (436/161,164,172) or (73/61.61)) .CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 04:45			

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
7	IS&R	L7	3394	((356/344,436,440,222) or (250/428,435,432r)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 04:45			
8	IS&R	L8	1077	(702/22,25,30).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 04:45			
9	IS&R	L9	0	("5and(678)").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 04:46			

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
10	BRS	L10	22	5 and (6 7 8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 04:46			
11	BRS	L11	245147	(diode or led or pmt or photocell or photomultiplier) same (array\$3 plural\$3 or multiple or linear\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 05:05			
12	BRS	L12	376	(stop\$4 near3 flow\$3) same 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 05:05			

	Type	L #	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Er ro r De fi ni ti on	Er ro rs
13	BRS	L13	7	12 and (6 7 8 chromatograph\$6.ti,ab,clm.)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 04:59			
14	BRS	L14	58	(stop\$4 near3 flow\$3) same ccd	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 04:59			
15	BRS	L15	2	14 and (6 7 8 chromatograph\$6.ti,ab,clm.)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 05:05			

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
16	BRS	L16	56	14 not 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 05:00			
17	BRS	L17	86647	(stop\$4 near3 flow\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 05:05			
18	BRS	L18	962	17 and (6 7 8 chromatograph\$6.ti,ab,clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 05:10			

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
19	BRS	L19	679391	(diode or led or pmt or photocell or photomultiplier or detector or sensor) same (array\$3 plural\$3 or multiple or linear\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 05:08			
20	BRS	L20	313	18 and 19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 05:07			
21	BRS	L21	233	20 and (chromatograph\$6 or hplc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 05:07			

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
22	BRS	L22	6202	(diode or led or pmt or photocell or photomultiplier or detector or sensor) same (array\$3 plural\$3 or multiple or linear\$2) same ((stop\$4 or halt\$3 or ceas\$3) near5 (pump\$3 or flow\$5 or mov\$3 or movement))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 05:09			
23	BRS	L23	62	22 and (6 7 8 chromatograph\$6.ti,ab,clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 05:10			
24	BRS	L24	62	23 not 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2006/03/19 05:10			

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors	Ref #
1	IS&R	29	(("3563672") or ("3597114") or ("3787882") or ("3847507") or ("3855129") or ("3917531") or ("4045343") or ("4108574") or ("4131393") or ("4137011") or ("4155683") or ("4180375") or ("4225290") or ("4233156") or ("4326837") or ("4352636") or ("4359312") or ("4420393") or ("4448692") or ("re31586") or ("re31608") or ("4600365") or ("4820129") or ("4919595") or ("5286177") or ("5755559") or ("5141609") or ("5591644")) .PN.	USPAT; USOCR	2006/03/18 19:47				S1
2	BRS	16	("3010800" "4158545" "4253846" "4257862" "4349510" "4552723" "4649124" "4689202" "4740298" "4781891" "4855601" "4980130") .PN. OR ("5591644") .URPN.	US- PGPUB; USPAT; USOCR	2006/03/18 19:59				S2

	Type	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Err or Def ini tio n	Erro rs	Re f #
3	BRS	48	("4559695" "4874492" "4904366").PN. OR ("5141609").URPN.	US- PGPUB; USPAT; USOCR	2006/03/18 20:19				S3
4	BRS	2	"5699157".pn.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/18 20:20				S4
5	BRS	4	"9917104".did.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/18 20:33				S5
6	IS&R	10012	((422/70,82.05- 82.09,101) or (436/161,164,172) or (73/61.61)).CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 04:45				S6

	Type	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Err or Def ini tio n	Erro rs	Re f #
7	IS&R	3394	((356/344,436,440,222) or (250/428,435,432r)).CCLS	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 04:45				S7
8	IS&R	1077	(702/22,25,30).CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 04:45				S8
9	BRS	1100	capillar\$3 same (diode or led or pmt or photocell or photomultiplier) same (array\$3 plural\$3 or multiple or linear\$2)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 04:54				S9

	Type	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Err or Def ini tio n	Erro rs	Re f #
10	BRS	86	(S6 S7 S8) and S9	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/18 22:07				S1 0
11	BRS	35	("3623812" "3676649" "4353242" "4592842" "4859301" "4909920" "4985129").PN. OR ("5114551").URPN.	US- PGPUB; USPAT; USOCR	2006/03/18 22:02				S1 1
12	BRS	8	(signal near2 (divis\$4 or split\$4)) same (integrat\$4 or summ\$6 or add or additive or adding or added or averag\$3) same concatena\$6	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/18 22:05				S1 2
13	BRS	37	(S6 S7 S8) and concatenat\$6	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/18 22:23				S1 3

	Type	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Err or Def ini tio n	Erro rs	Re f #
14	BRS	1	(capillar\$5 or chromatogra\$8 or lc or hplc) and "6103533".pn.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 00:24				S1 4
15	BRS	1	(capillar\$5 or chromatogra\$8 or lc or hplc or noise or "s/N" or (s adj n)) and "6103533".pn.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/18 23:36				S1 5
16	BRS	64	summation with integration with defin\$6	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/18 23:47				S1 6

	Type	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Err or Def ini tio n	Erro rs	Re f #
17	BRS	0	S17 and refractive\$2	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/18 23:49				S1 8
18	BRS	114	chromatogra\$8.ti,ab,clm. and ((flow\$3 or flowrate or velocit\$3 or (residence near2 time) or (void near2 volume)) same ((solvent or marker) near6 (peak or spike)))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:20				S1 7.
19	BRS	13	chromatogra\$8.ti,ab,clm. and (velocit\$3 same ((solvent or marker) near6 (peak or spike)))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/18 23:55				S1 9

	Type	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Err or Def ini tio n	Erro rs	Re f #
20	BRS	2	(correlat\$5 or summ\$6) and ("6103533".pn. or "5141609".pn.)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 00:40				S2 0
21	BRS	1	allington.in. and signal.ti. and (second adj plurality)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 00:33				S2 1
22	BRS	2	(HPLC or statistica\$5 or high) and ("6103533".pn. or "5141609".pn.)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 00:50				S2 2

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors	Ref #
23	BRS	3	(statistical\$2 near3 correlat\$4) with summation with integration	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 00:51				S2 3
24	BRS	3	(statistical\$2 near3 correlat\$4) same summation same integration	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 00:52				S2 4
25	BRS	43	(statistical\$2 near3 correlat\$4) same (summation or integration)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 00:52				S2 5

	Type	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Err or Def ini tio n	Erro rs	Re f #
26	BRS	54	chromatogra\$8.ti,ab,clm. and (statistical\$2 near3 correlat\$6)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:00				S2 6
27	BRS	85	chromatogra\$8.ti,ab,clm. and ((cross or auto) near3 correlat\$6)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:00				S2 7
28	BRS	75	S27 not S26	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:14				S2 8

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors	Ref #
29	BRS	1	"6388746".pn. and (velocity or position or time)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:14				S29
30	BRS	1	"6388746".pn. and (velocity or position or time)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:18				S30
31	BRS	11	S1 and heat\$3	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:19				S31

	Type	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Err or Def ini tio n	Erro rs	Re f #
32	BRS	4156	chromatogra\$8.ti,ab,clm. and ((flow\$3 or flowrate or velocit\$3 or (residence near2 time) or (void near2 volume)) same heat\$3)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:21				S3 2
33	BRS	1975	chromatogra\$8.ti,ab,clm. and ((determin\$6 or detect\$4 or measur\$5) same (flow\$3 or flowrate or velocit\$3 or (residence near2 time) or (void near2 volume)) same heat\$3)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:22				S3 3
34	BRS	1137	chromatogra\$8.ti,ab,clm. and (((determin\$6 or detect\$4 or measur\$5) with (flow\$3 or flowrate or velocit\$3 or (residence near2 time) or (void near2 volume))) same heat\$3)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:22				S3 4

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors	Ref #
35	BRS	522	chromatogra\$8.ti,ab,clm. and (((determin\$6 or detect\$4 or measur\$5) with (flow\$3 or flowrate or velocit\$3 or (residence near2 time) or (void near2 volume))) with heat\$3)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:23				S3 5
36	BRS	270	chromatogra\$8.ti,ab,clm. and (((determin\$6 or detect\$4 or measur\$5) near5 (flow\$3 or flowrate or velocit\$3 or (residence near2 time) or (void near2 volume))) with heat\$3)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:29				S3 6
37	BRS	45	S36 and refracti\$6	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2006/03/19 03:35				S3 7